

1000000000000000

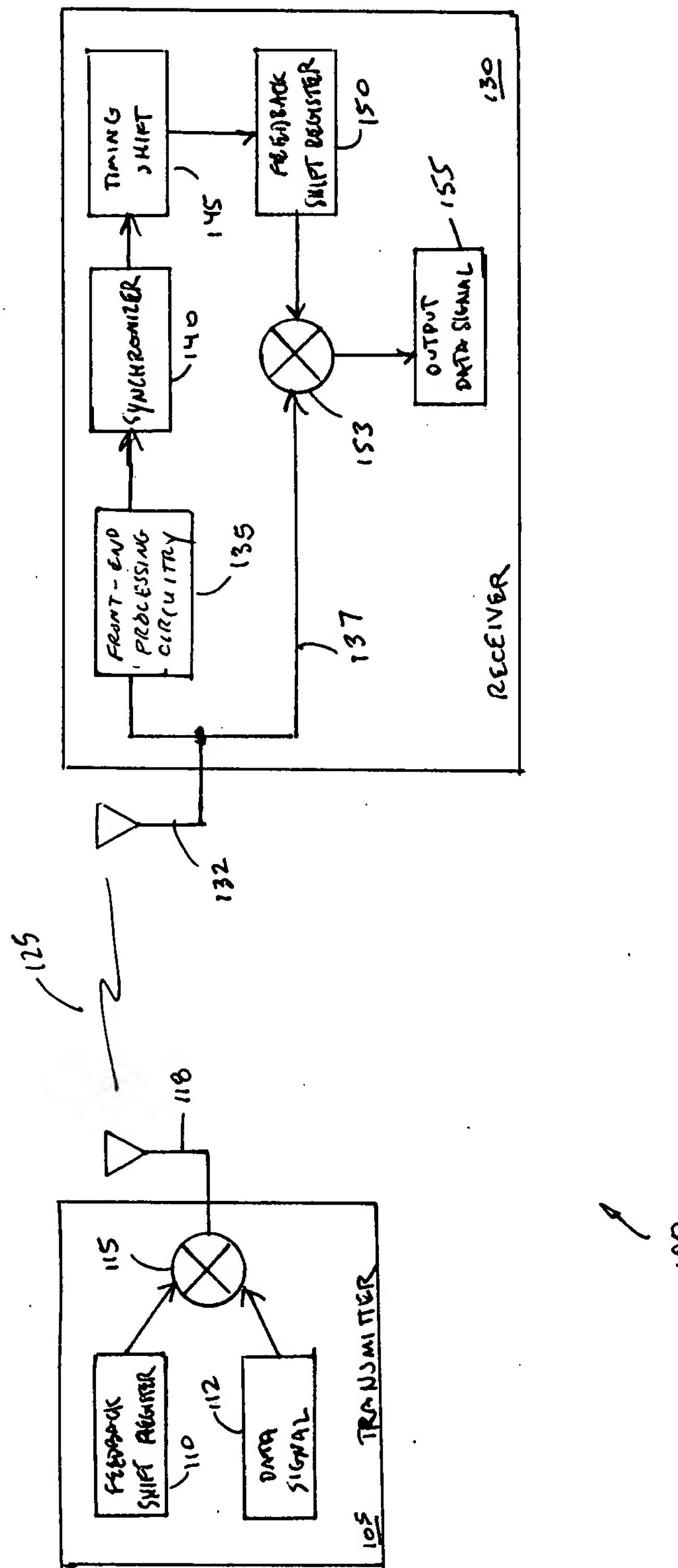


FIG. 1

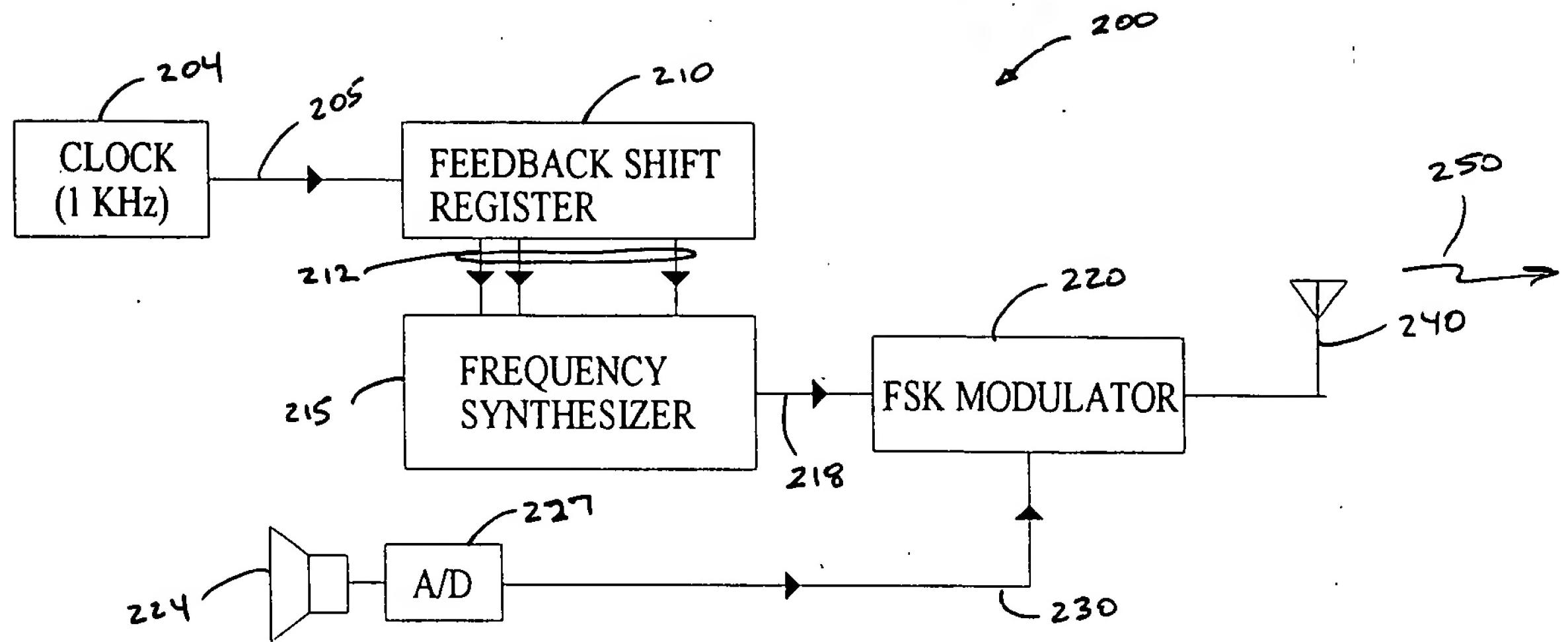


FIG. 2

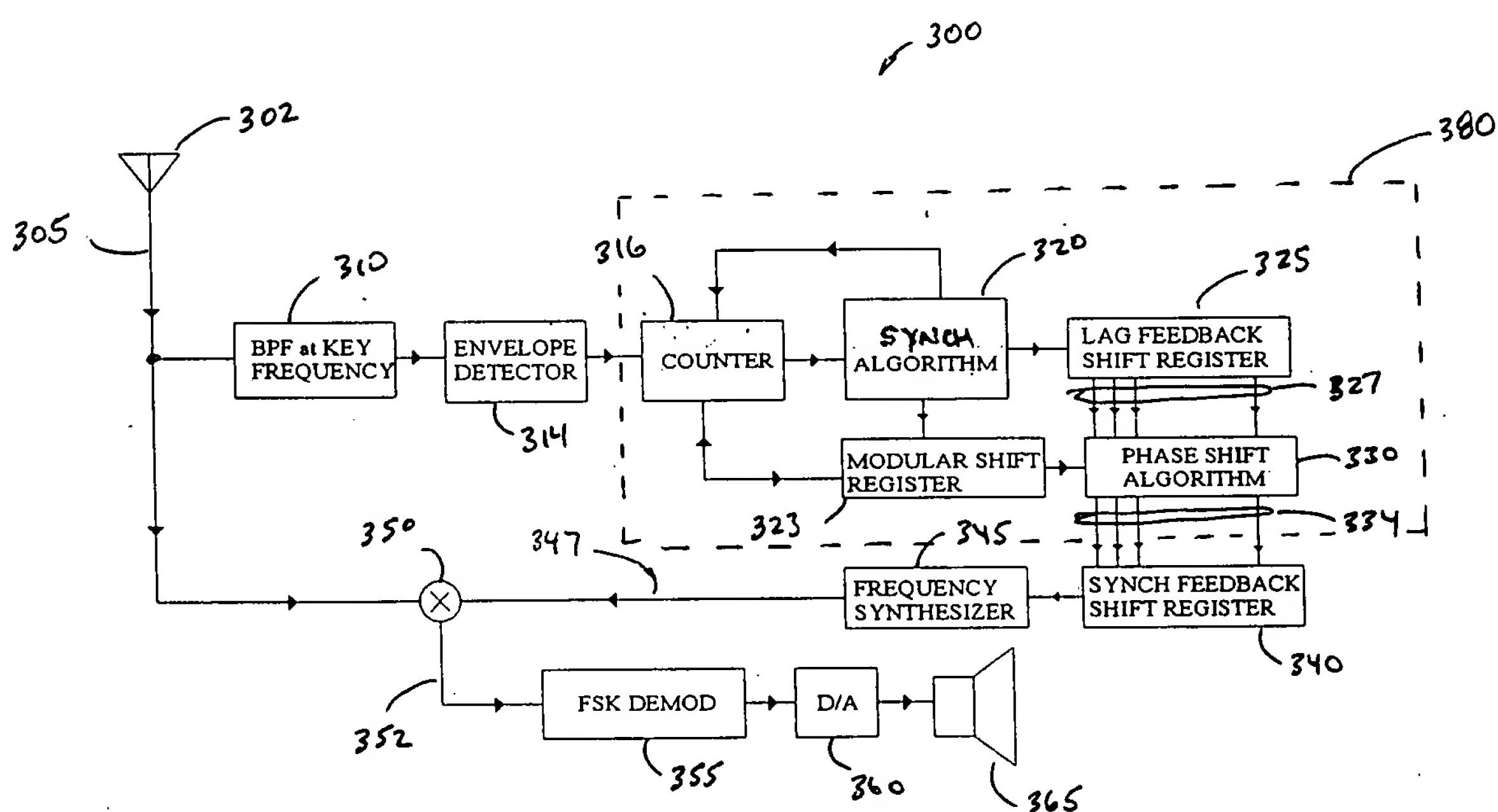
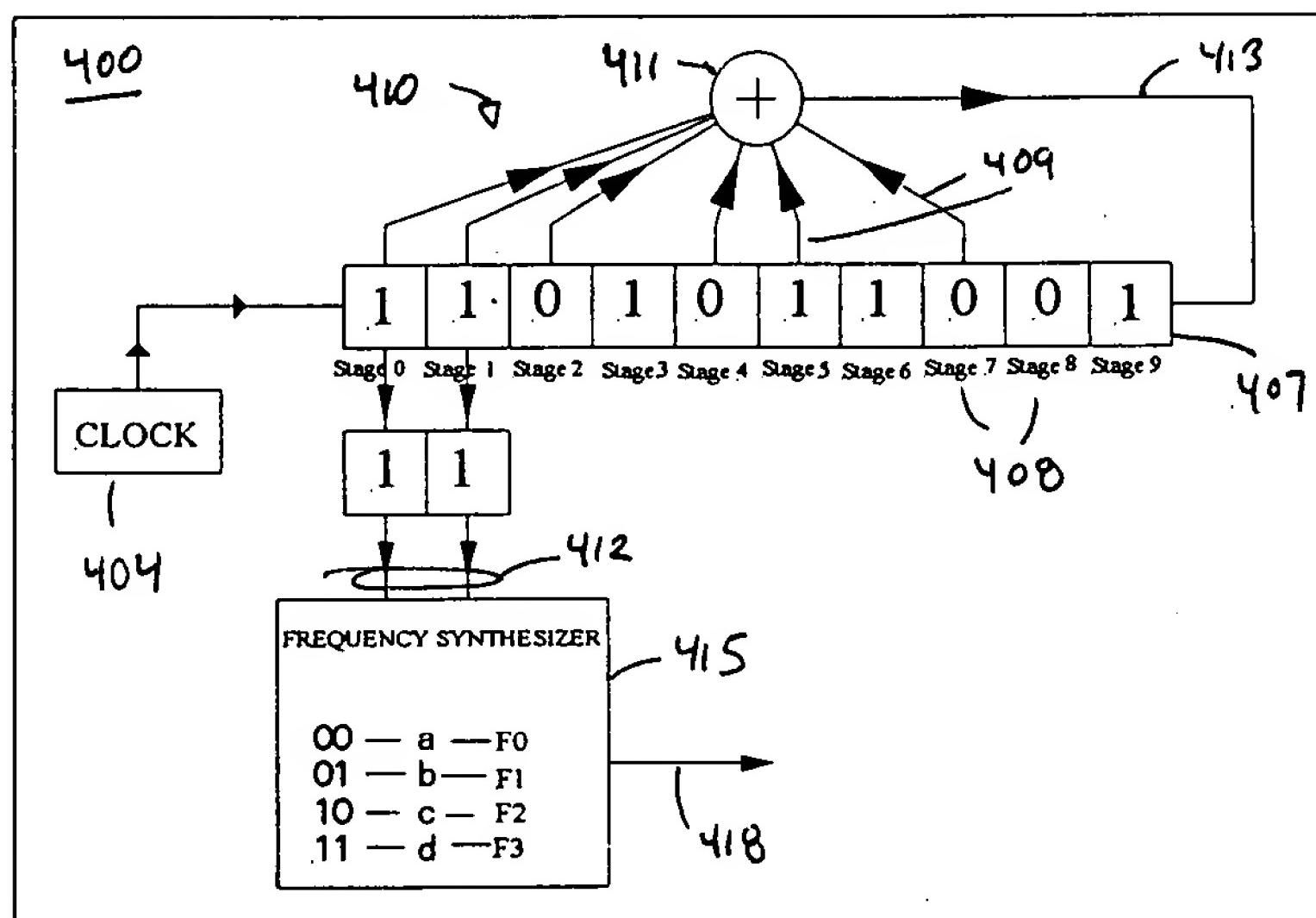


FIG. 3



Ten Stage Hopper Configuration

FIG. 4

F0 F1 F2 F3 F4 F5 F6 F7 F8 F9

$s_{03} \rightarrow$	0123456789012345678901234567890...	time intervals
$s_{04} \rightarrow$	11010110011011111111000110001...	code
$s_{10} \rightarrow$	ddcbcbdcabdcbdddddddcaabdcaab...	sequence of frequencies
$s_{15} \rightarrow$	0 4 789012	relative times of arrival

Code (8) and Associated Sequence of Frequencies

FIG. 5

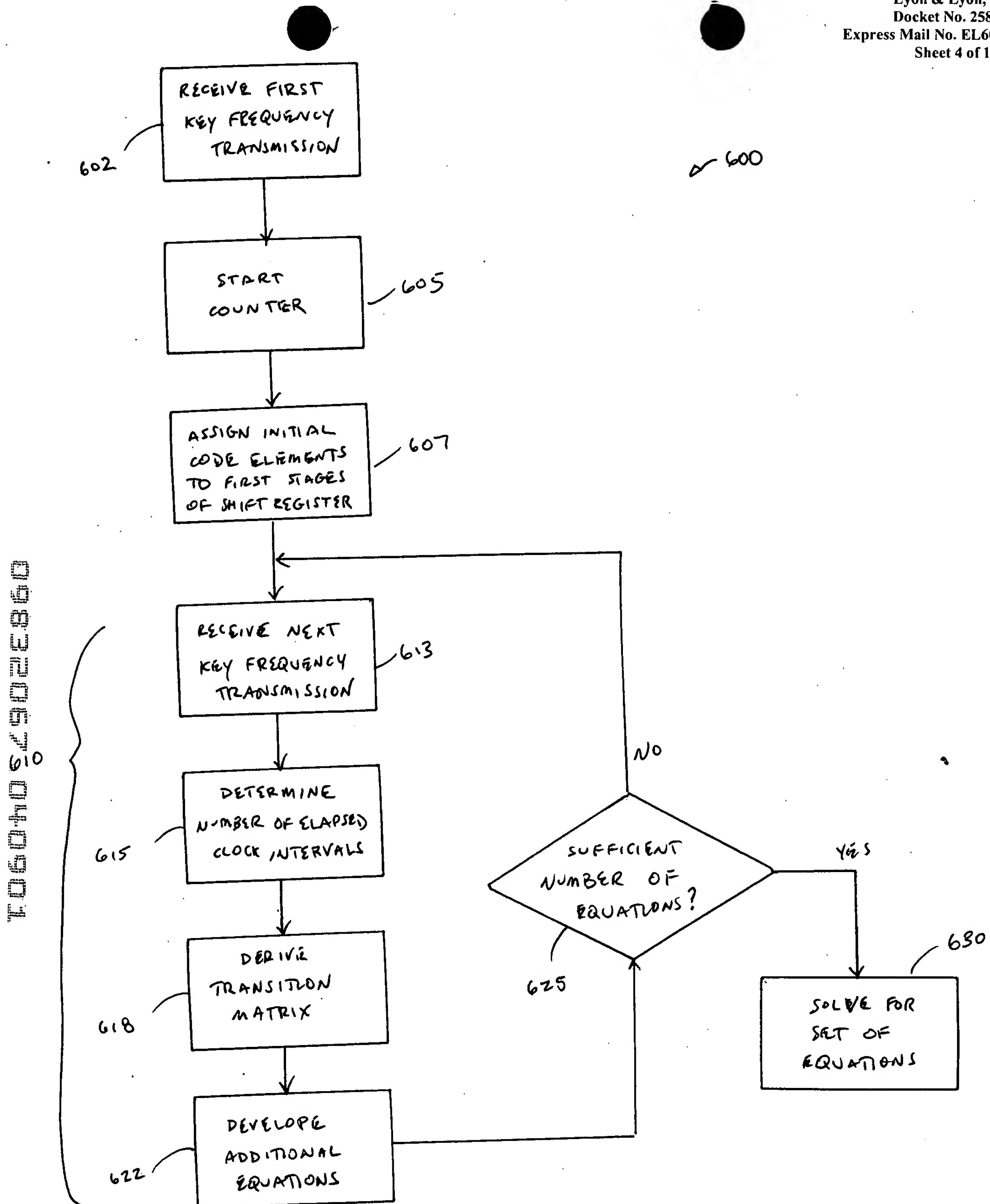


FIG. 6

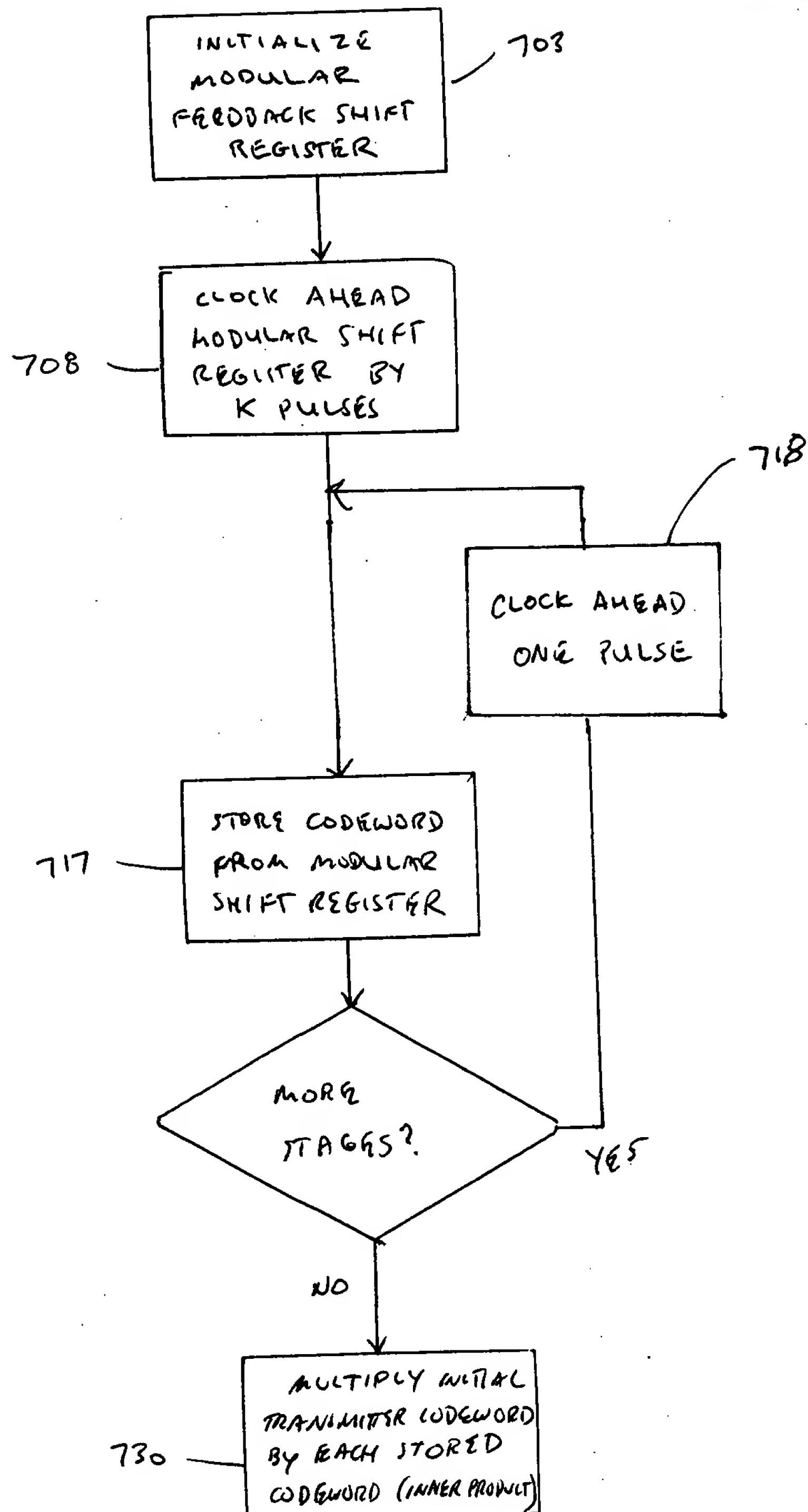
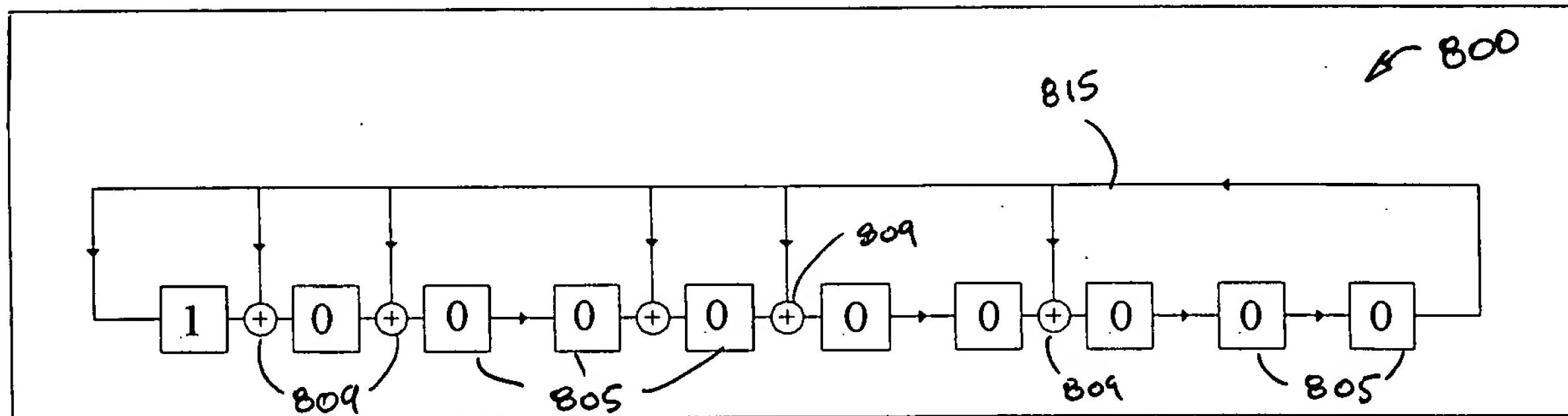


FIG. 7



Ten Stage Modular Register

FIG. 8

0000000000

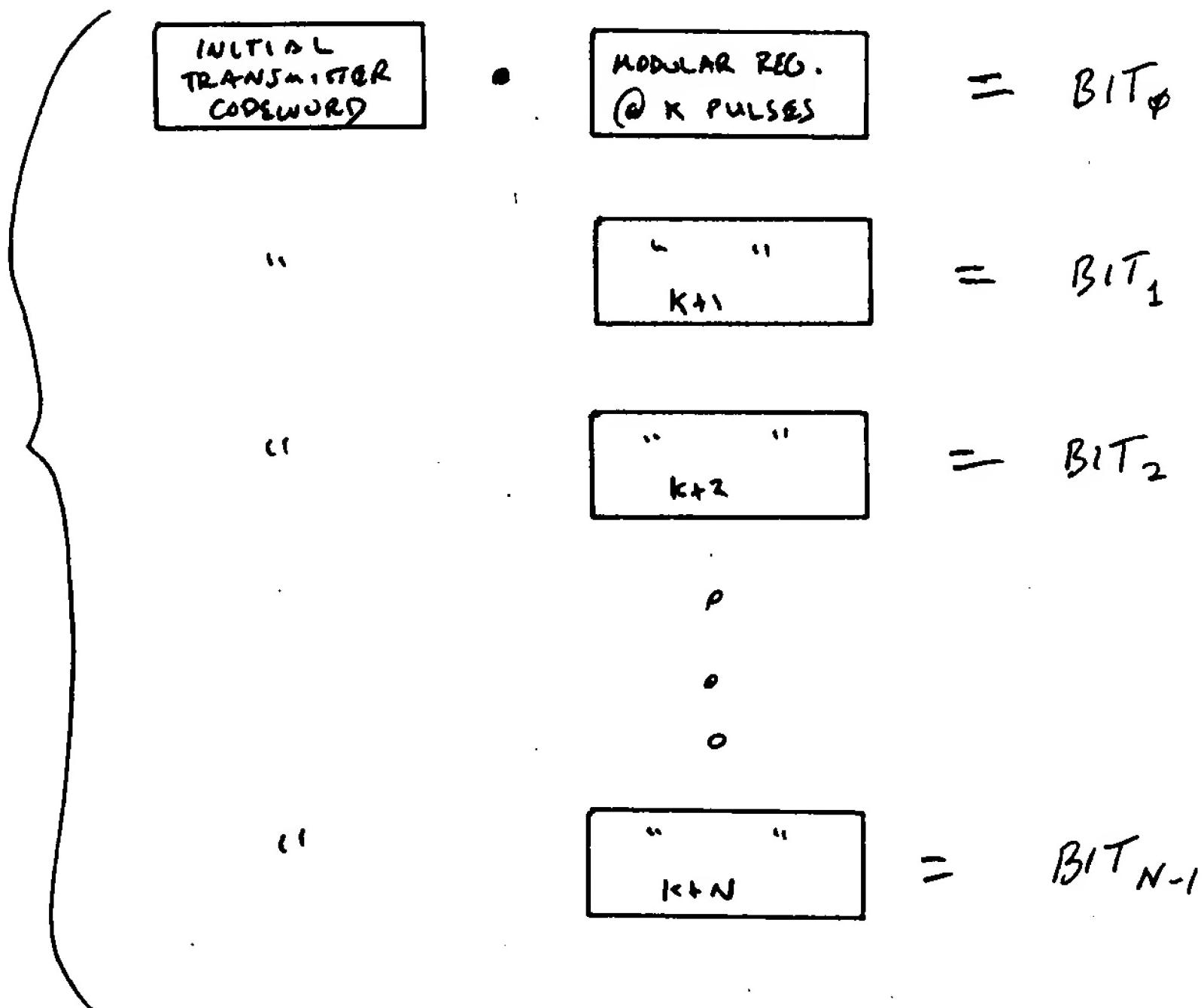


FIG. 9

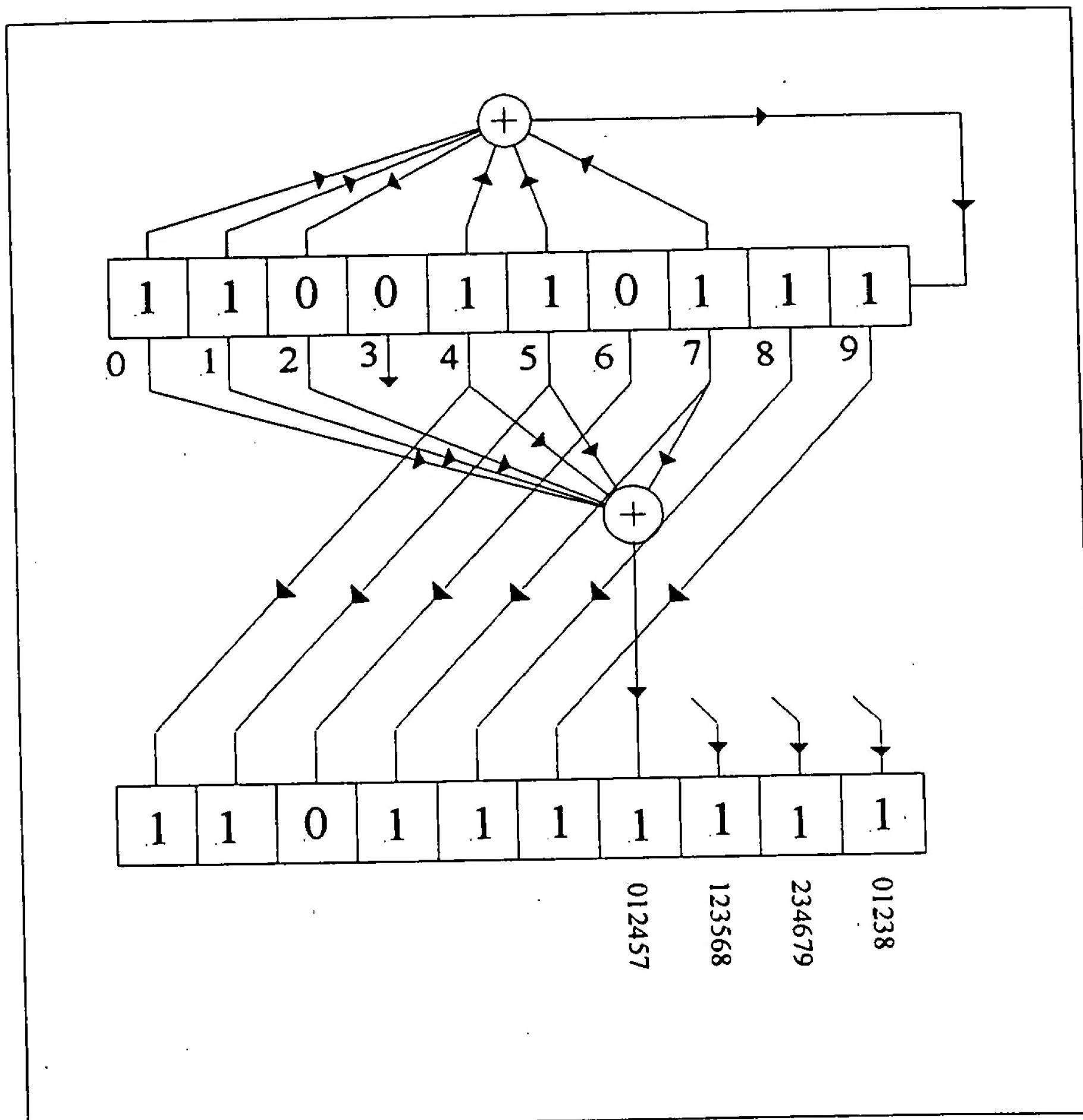


FIG. 10

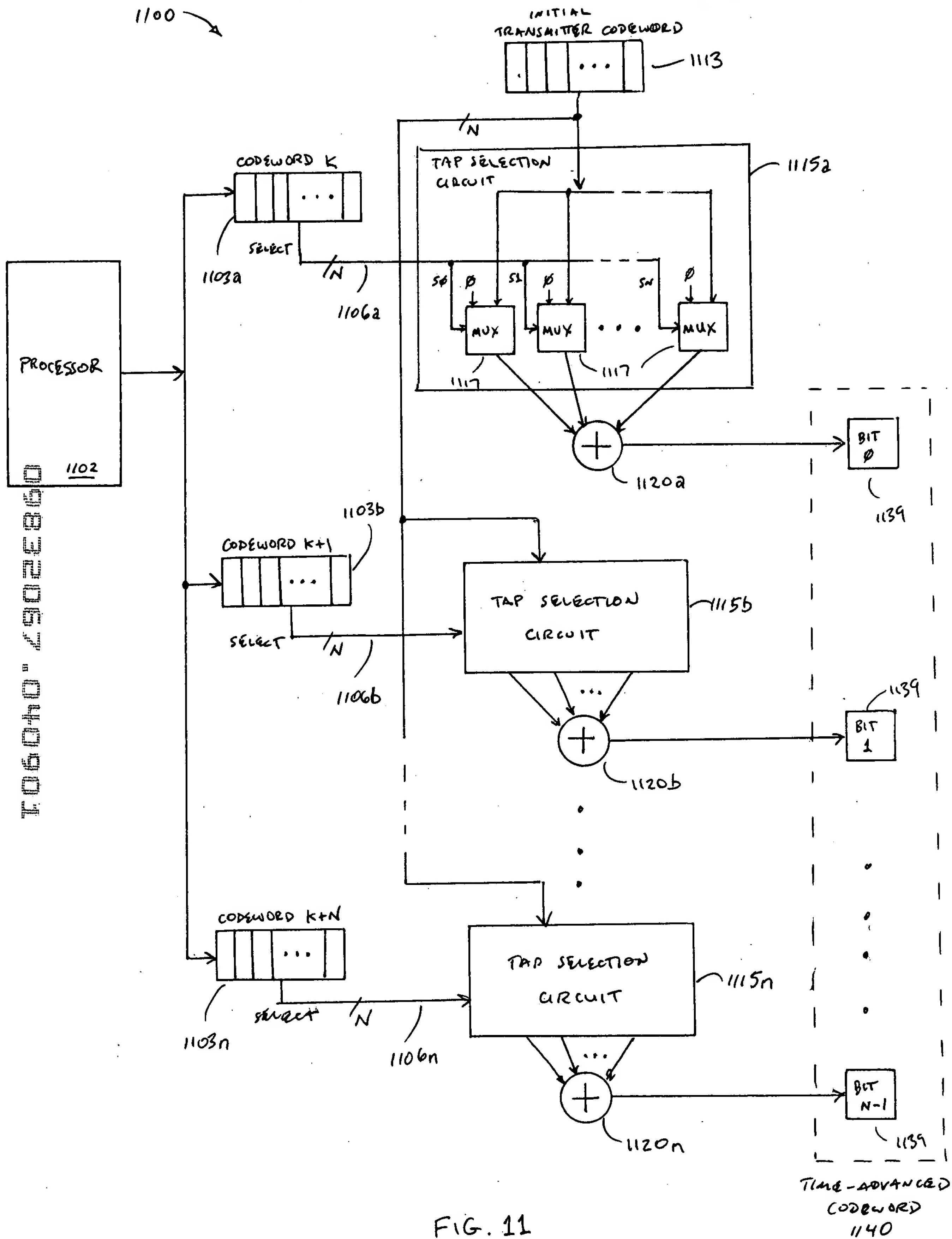


FIG. 11

Time-ADVANCED
CODEWORD
1140

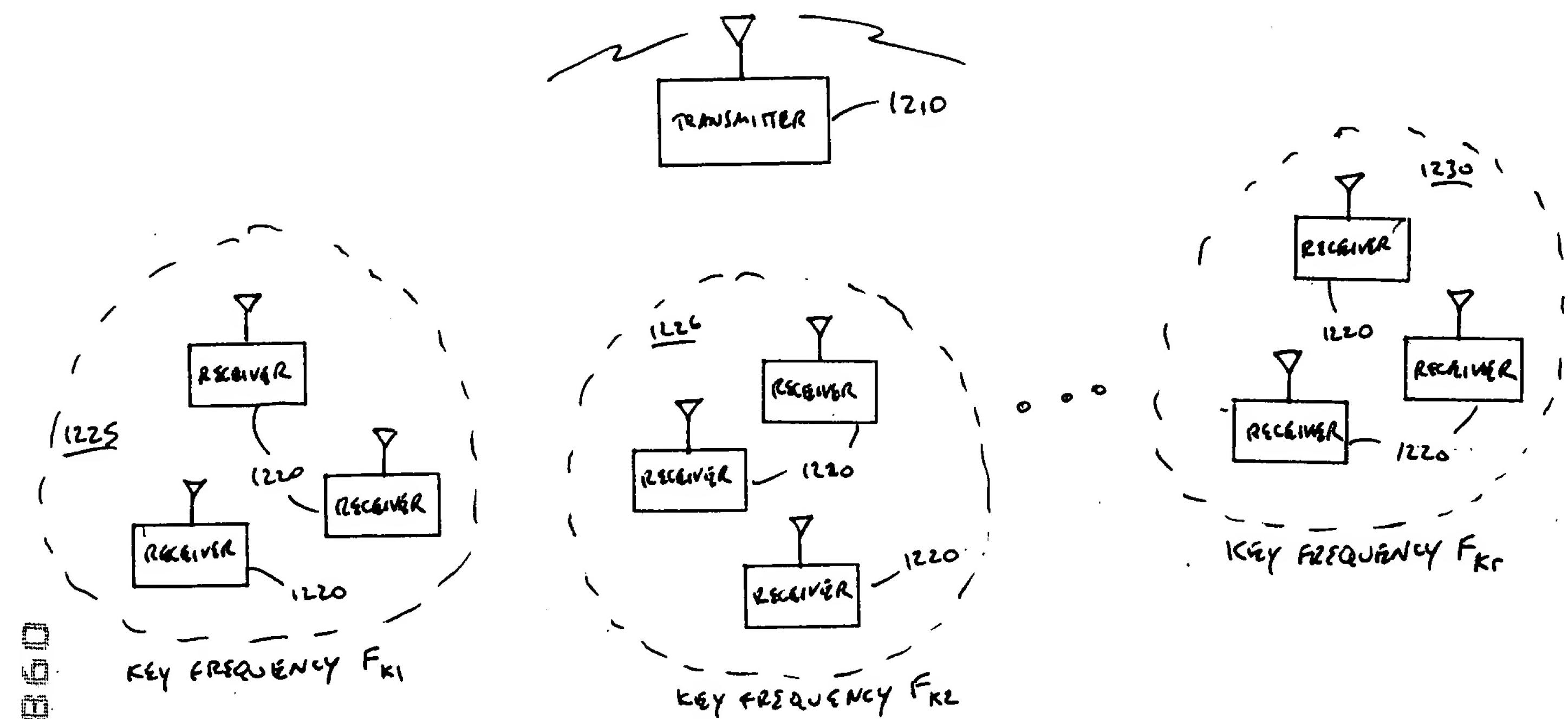


FIG. 12

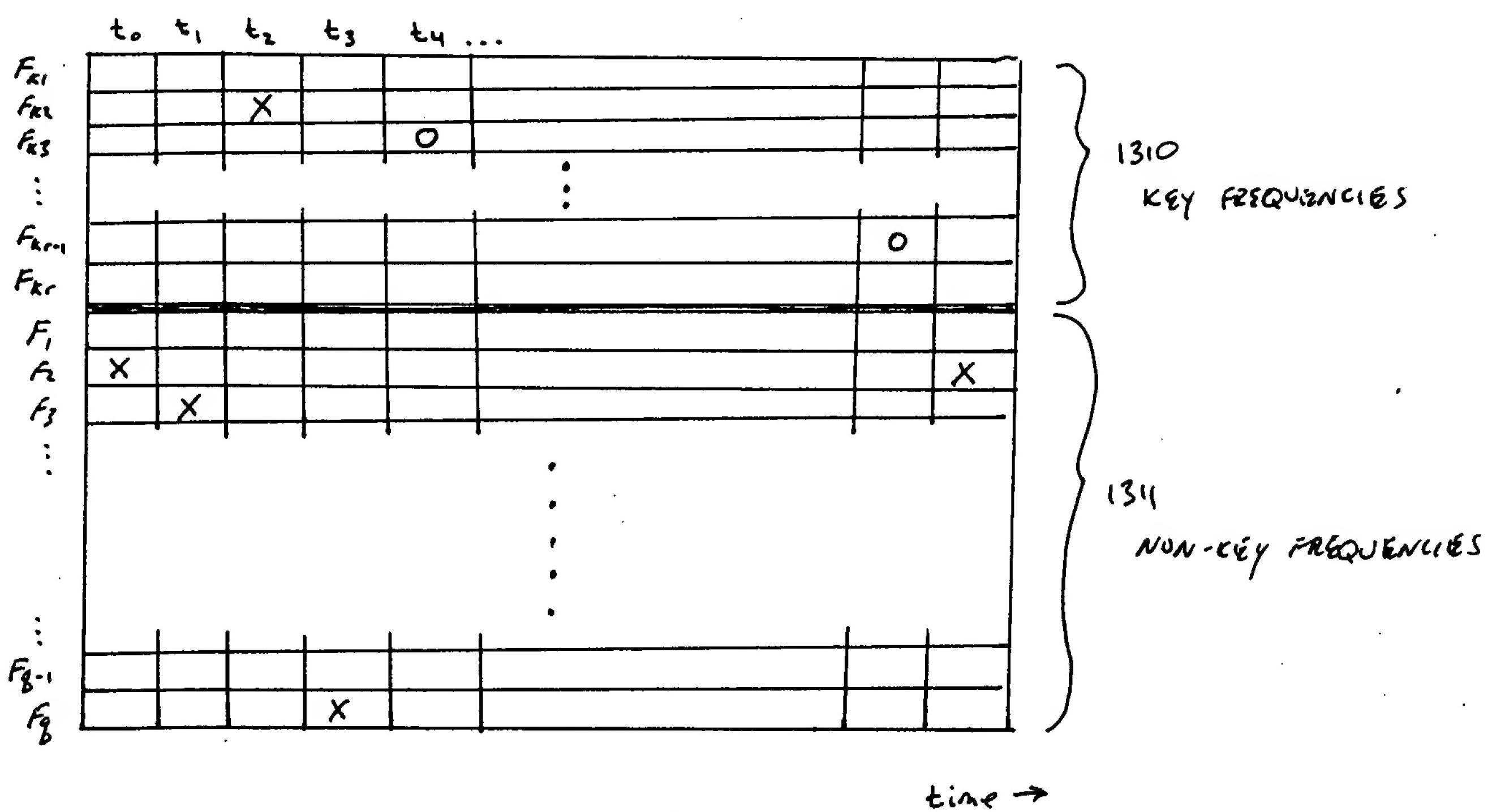
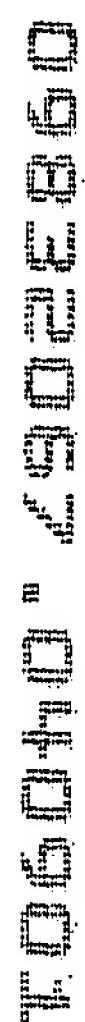


FIG. 13

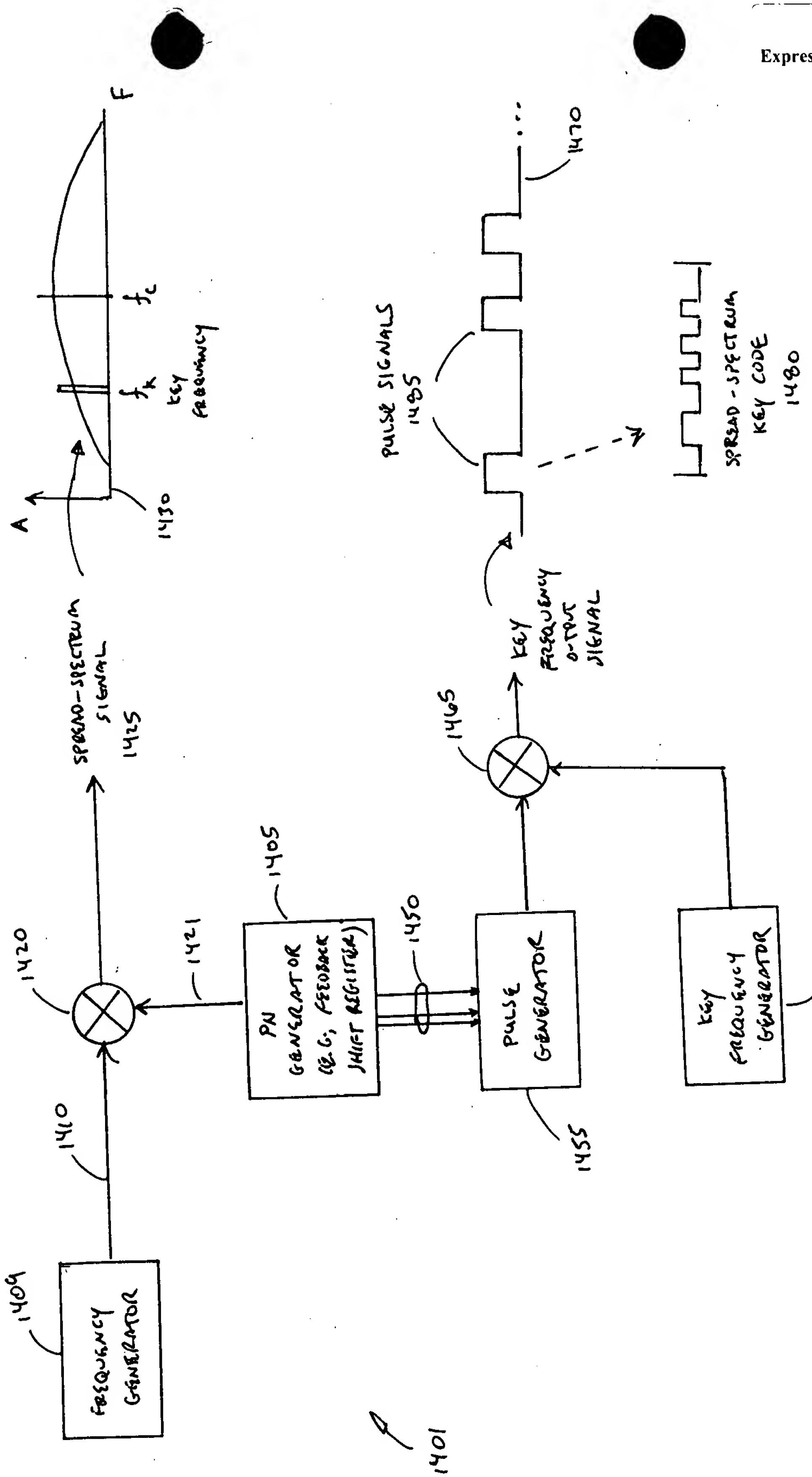


FIG. 14